

For Research Use Only

# AHCTF1 Polyclonal antibody

Catalog Number: 30923-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 30923-1-AP	<b>GenBank Accession Number:</b> NM_001323342.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 25909	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:400-1:1600
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WYP5	
<b>Isotype:</b> IgG	<b>Full Name:</b> AT hook containing transcription factor 1	
<b>Immunogen Catalog Number:</b> AG32788	<b>Calculated MW:</b> 252 kDa	
	<b>Observed MW:</b> 270 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, A549 cells
<b>Cited Applications:</b> WB	<b>IF/ICC :</b> A431 cells,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

AHCTF1, also known as ELYS, TMBS62, is a large multifunctional protein. It plays essential roles in nuclear pore assembly and mitosis. AHCTF1 was expressed at higher levels in embryonic liver, spleen and thymus compared to the corresponding adult tissues (PMID: 11952839) and has 3 isoforms with MW of 252-256 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huifang Liu	40707755	Dig Dis Sci	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

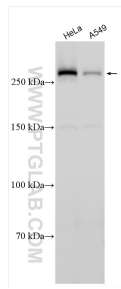
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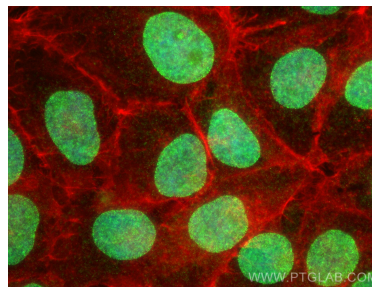
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30923-1-AP (AHCTF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using AHCTF1 antibody (30923-1-AP) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).